

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated in the following listing of all claims:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Currently amended) A method comprising:

detecting a transition of a first signal associated with a first signal path; and
dynamically inserting a delay in a second signal path associated with a second signal
based on at least the detection of the transition, a priority value of the first signal
path, and a priority value of the second signal path;

generating a first delay pulse based on the transition of the first signal;

communicating the first delay pulse from a first circuit associated with the first signal
path to a second circuit associated with the second signal path;

detecting a second transition of a third signal associated with a third signal path;

generating a second delay pulse based on the second transition;

communicating the second delay pulse from a third circuit associated with the third signal
path to the second circuit; and

wherein the period of the delay is based on at least the first delay pulse, the second delay
pulse, and the dynamic delaying is based on the detection of the second transition
and a priority value of the third signal path.

20. (Previously Presented) The method of claim 19 wherein a period of the delay is
based on at least a duration of the transition period of the first signal.

21. (Canceled)

22. (Canceled)

23. (Previously Presented) The method of claim 22 wherein the delay period is based
on non-overlapping portions of the first delay pulse and the second delay pulse.

24. (Previously Presented) The method of claim 22 wherein the priority value of the first signal path and the priority value of the third signal path are equal.

25. (Previously Presented) The method of claim 19 wherein the priority values of the first and second signal paths are based on effects of coupling between the first signal path and the second signal path.

26. (Previously Presented) The method of claim 19 wherein the priority values of the first and second signal paths are based on corresponding signal path lengths.

27. (Previously Presented) The method of claim 19 wherein the first and second signal paths are adjacent signal paths.

28. (Previously Presented) The method of claim 19 wherein the dynamic insertion of the delay inhibits a transition from occurring on the second signal path simultaneously with the transition on the first signal path.

29. (Previously Presented) An apparatus comprising:
a first signal driver associated with a first priority value and being coupled to a first signal path;
a second signal driver associated with a second priority value and being coupled to a second signal path; and
wherein the first signal driver provides a disable signal to the second signal driver based on at least the first priority value, the second priority value, and a detected transition of a first signal associated with the first signal path.

30. (Previously Presented) The apparatus of claim 29 wherein the first signal driver communicates to the second signal driver a first delay pulse based on the detected transition.

31. (Previously Presented) The apparatus of claim 29, wherein the disable signal delays the second signal for a period based on at least a duration of the transition period of the first signal.

32. (Previously Presented) The apparatus of claim 29, further comprising:
a third signal driver associated with a third priority value and being coupled to a third
signal path; and

wherein the third signal driver provides a second disable signal to the second signal
driver based on at least the third priority value, the second priority value, and a
detected transition of a third signal associated with the third signal path.

33. (Previously Presented) The apparatus of claim 32, wherein the second signal is
delayed by a period based on at least a duration of the transition period of the first signal and a
duration of the transition period of the third signal.

34. (Previously Presented) The apparatus of claim 32, wherein the first and second
disable signals are first and second delay pulses and the second signal is delayed by a period
based on non-overlapping portions of the first and second delay pulses.

35. (Previously Presented) The apparatus of claim 32 wherein the priority value of the
first signal path and the priority value of the third signal path are equal.

36. (Previously Presented) The apparatus of claim 29, further comprising:
a fourth signal driver associated with a fourth priority value and being coupled to a fourth
signal path; and
wherein the first signal driver provides the disable signal to the fourth signal driver based
on at least the first priority value, the fourth priority value, and a detected
transition of the first signal associated with the first signal path.

37. (Previously Presented) The apparatus of claim 29 wherein the first and second
priority values are based on effects of coupling between the first signal path and the second
signal path.

38. (Previously Presented) The apparatus of claim 29 wherein the first and second
priority values are based on corresponding signal path lengths.

39. (Previously Presented) The apparatus of claim 29 wherein transitions on the first signal path based on the disable signal occur out of phase with transitions on the second signal path.

40. (Currently amended) An apparatus comprising:
means for detecting a transition of a first signal associated with a first signal path; and
means for dynamically delaying disabling a second signal associated with a second signal path, the disabling being based on at least the detection of the transition, a priority value of the first signal path, and a priority value of the second signal path.

41. (Previously Presented) The apparatus of claim 40 wherein the first and second priority values are based on effects of coupling between the first signal path and the second signal path.

42. (Currently amended) The apparatus of claim 40 wherein the dynamic delaying disabling inhibits a transition on the second signal path from occurring simultaneously with the transition on the first signal path.

43. (New) A method comprising:
detecting a transition of a first signal associated with a first signal path and associated with a first priority value;
disabling a second signal associated with a second signal path and associated with a second priority value, the disabling being based on at least the first priority value, the second priority value, and the detected transition.

44. (New) The method of claim 43 wherein the second signal is disabled for a period based on at least a duration of the transition period of the first signal.